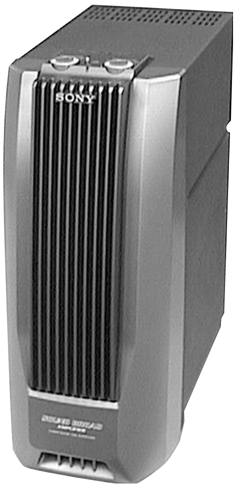
TA-DX8

SERVICE MANUAL

E Model
Australian Model



TA-DX8 is the amplifier section in
MHC-DX8, MHC-VX88.

SPECIFICATIONS

The following measured at AC 120, 220, 240V 50/60 Hz

DIN power output (rated)	75 + 75 watts (6 ohms at 1 kHz, DIN)
Continuous RMS power output (reference)	100 + 100 watts (6 ohms at 1 kHz, 10% THD)

Inputs

SATELLITE SPEAKER:	accepts impedance of 6 to 16 ohms

General

Power requirements	
Australian models:	230 - 240 V AC, 50/60 Hz
Mexican models:	120 V AC, 60 Hz
Other models:	120 V, 220 V or 230 - 240 V AC, 50/60 Hz Adjustable with voltage selector
Power consumption	180 watts
Dimensions (w/h/d)	Approx. 150 x 360 x 360 mm
Mass :	Approx. 5.5 kg

Design and specifications are subject to change without notice.

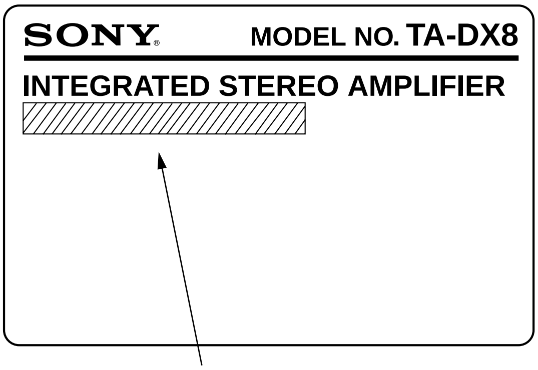
INTEGRATED STEREO AMPLIFIER

SONY®

TABLE OF CONTENTS

MODEL IDENTIFICATION

– REAR VIEW –



Mexican model : AC: 120V ∿ 60Hz
Australian model : AC: 230 – 240V ∿ 50/60Hz
Other models : AC: 120/220/230 – 240V ∿ 50/60Hz

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

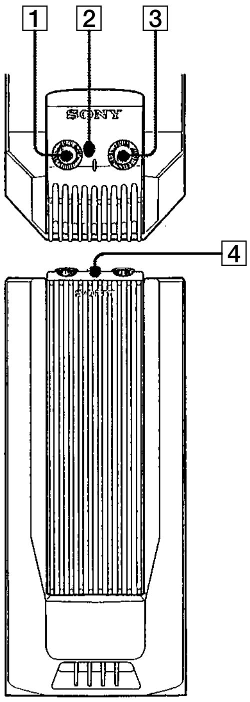
SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

SECTION 1
GENERAL

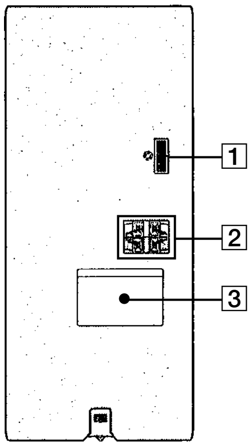
• **LOCATION OF CONTROLS**

– Front and Top view –



1 SATELLITE MODE switch
2 ON/OFF switch
3 SATELLITE LEVEL control
4 Indicator

– Rear view –

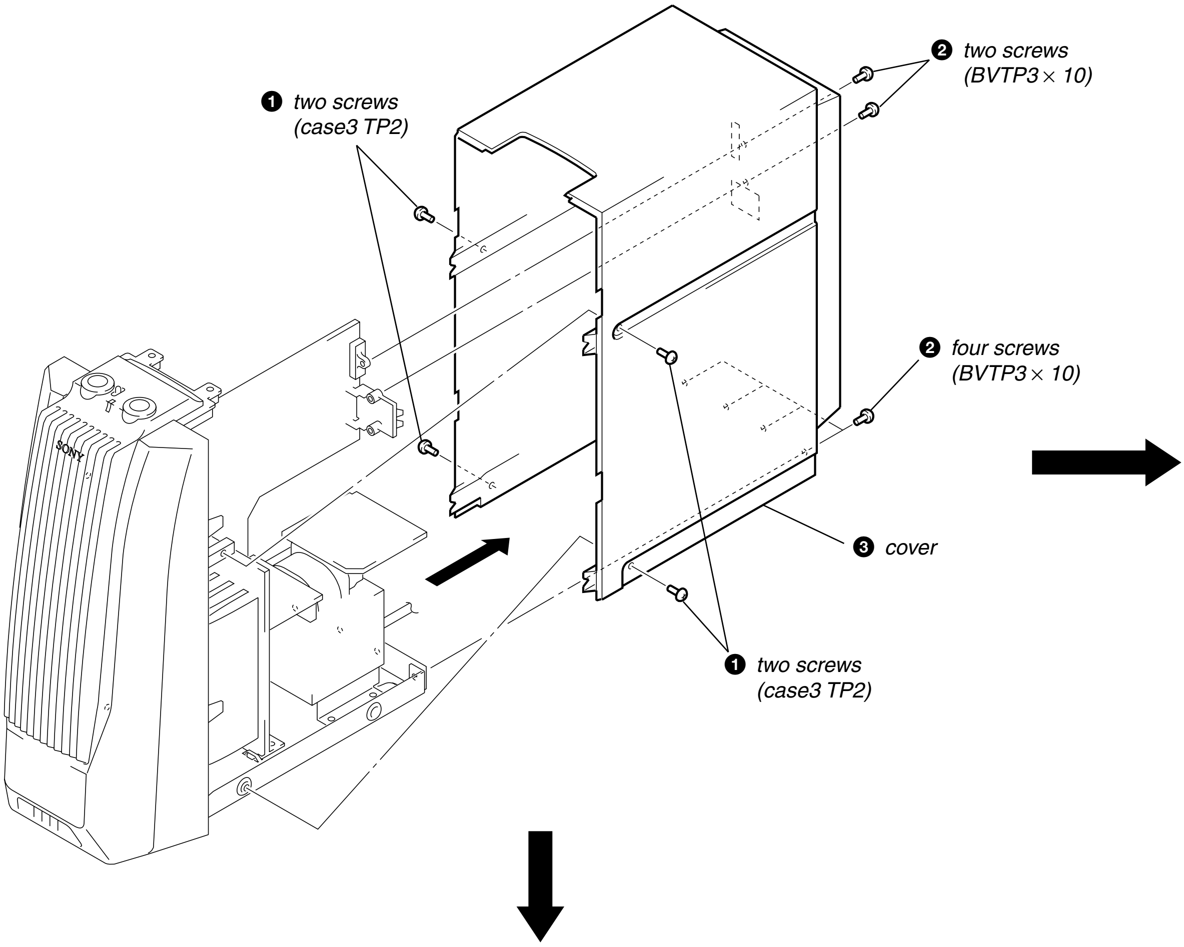


1 SYSTEM CONTROL connector
2 SPEAKER terminal
3 VOLTAGE SELECTOR switch
(EXCEPT Mexican and Australian models)

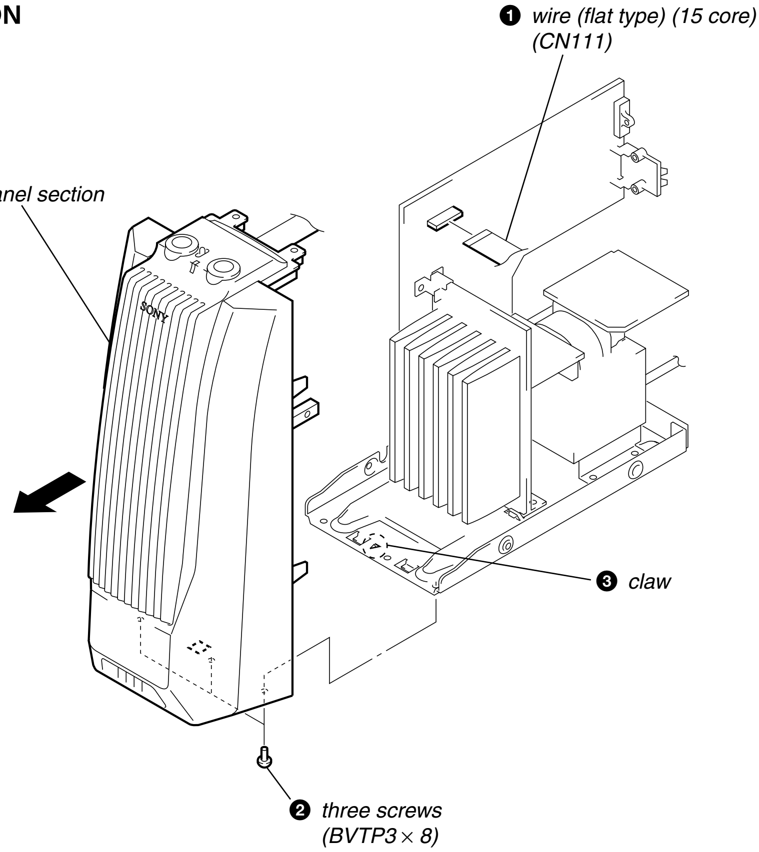
SECTION 2
DISASSEMBLY

Note: Follow the disassembly procedure in the numerical order given.

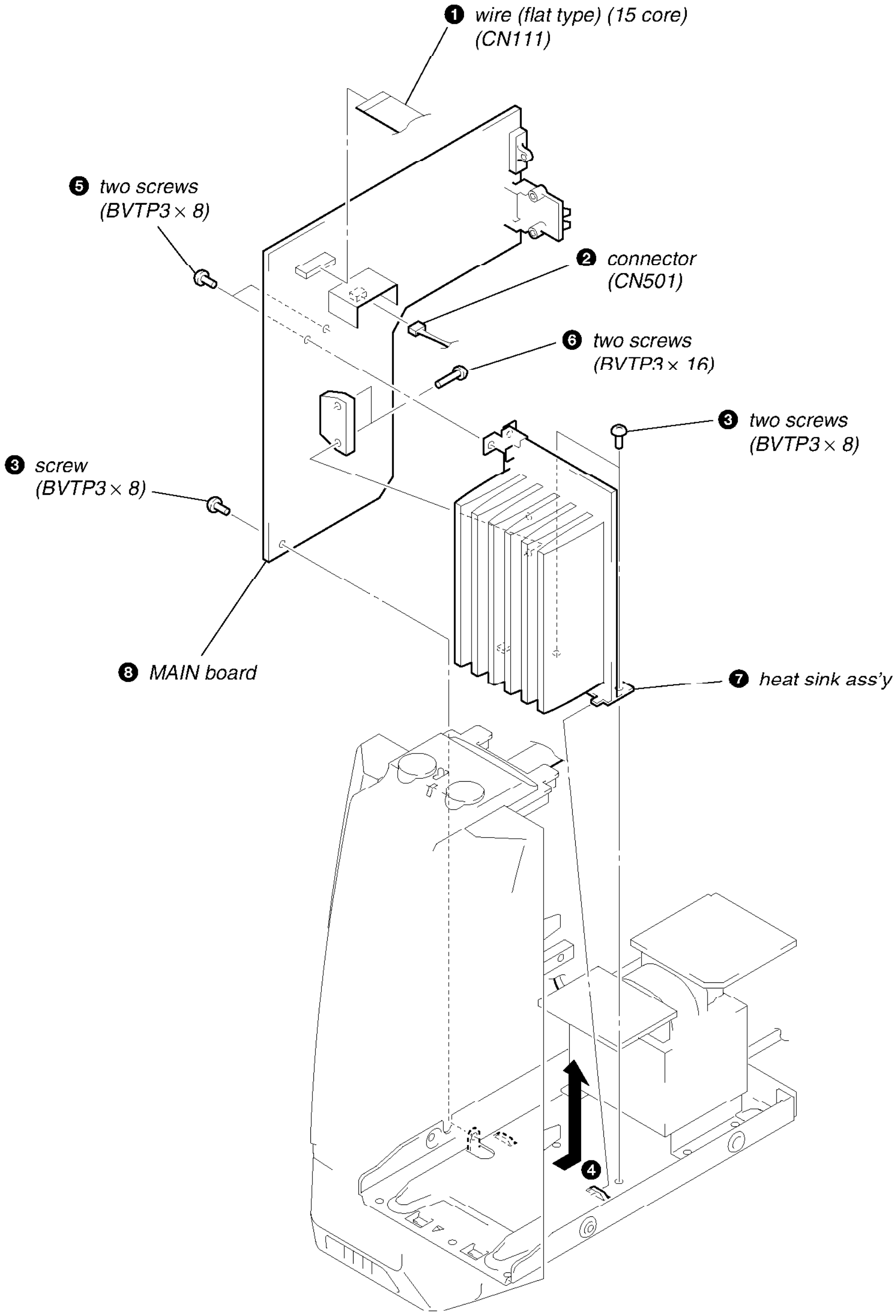
COVER



FRONT PANEL SECTION



MAIN BOARD



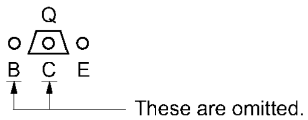
❶ wire (flat type) (15 core) (CN111)
❺ two screws (BVTP3 × 8)
❷ connector (CN501)
❻ two screws (BVTP3 × 16)
❸ two screws (BVTP3 × 8)
❸ screw (BVTP3 × 8)
❽ MAIN board
❼ heat sink ass'y
❹

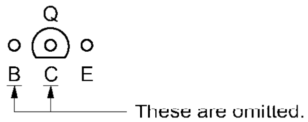
SECTION 3
DIAGRAMS

3-1. NOTE FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

Note on Printed Wiring Board:

- : parts extracted from the component side.
- : parts extracted from the conductor side.
- : Pattern from the side which enables seeing.
- Indication of transistor.





Note on Schematic Diagram:

- All capacitors are in μF unless otherwise noted. pF: μμF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- : nonflammable resistor.
- : fusible resistor.
- : panel designation.

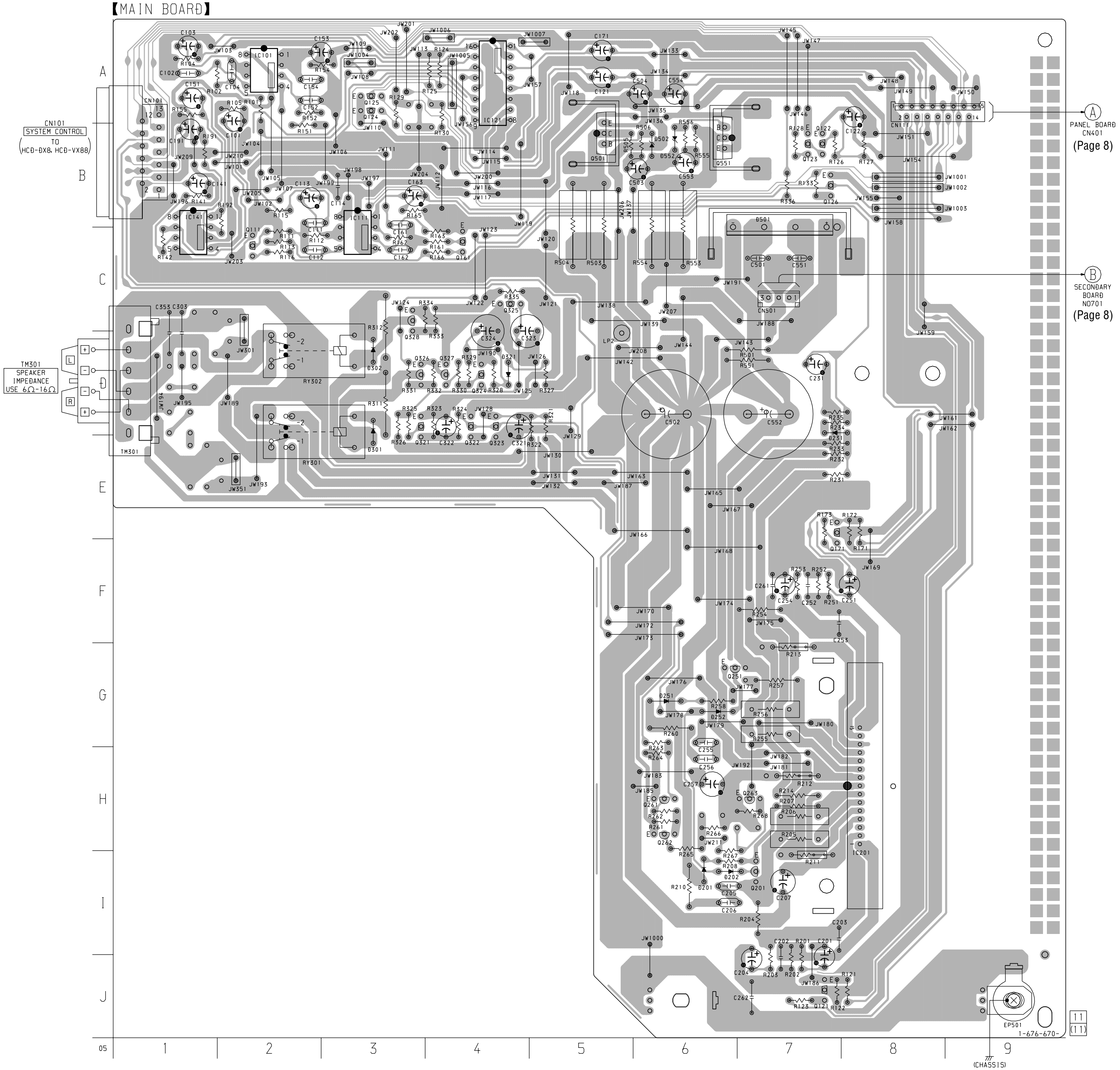
Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

- B+ : B+ Line.
- B– : B– Line.
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ⇨ : AUDIO
- Abbreviation
  AUS : Australian model
  IA : Indonesian model
  MX : Mexican model

3-2. PRINTED WIRING BOARD – MAIN Board –

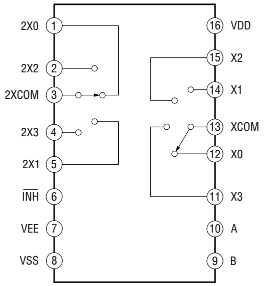
- **Semiconductor Location**

Ref. No.	Location
D201	I-6
D202	I-6
D231	D-7
D251	G-6
D252	G-6
D301	D-3
D302	D-3
D321	D-4
D501	B-7
D502	B-6
D552	B-6
IC101	A-2
IC111	B-3
IC121	A-4
IC141	B-1
IC201	H-8
Q111	C-2
Q121	J-7
Q122	B-7
Q123	B-7
Q124	A-3
Q125	A-3
Q126	B-7
Q161	C-4
Q171	E-7
Q201	I-7
Q251	G-6
Q261	H-6
Q262	H-6
Q263	H-7
Q321	D-3
Q322	D-4
Q323	D-4
Q324	D-4
Q325	C-4
Q326	D-3
Q327	D-4
Q328	C-3
Q501	B-5
Q551	B-6

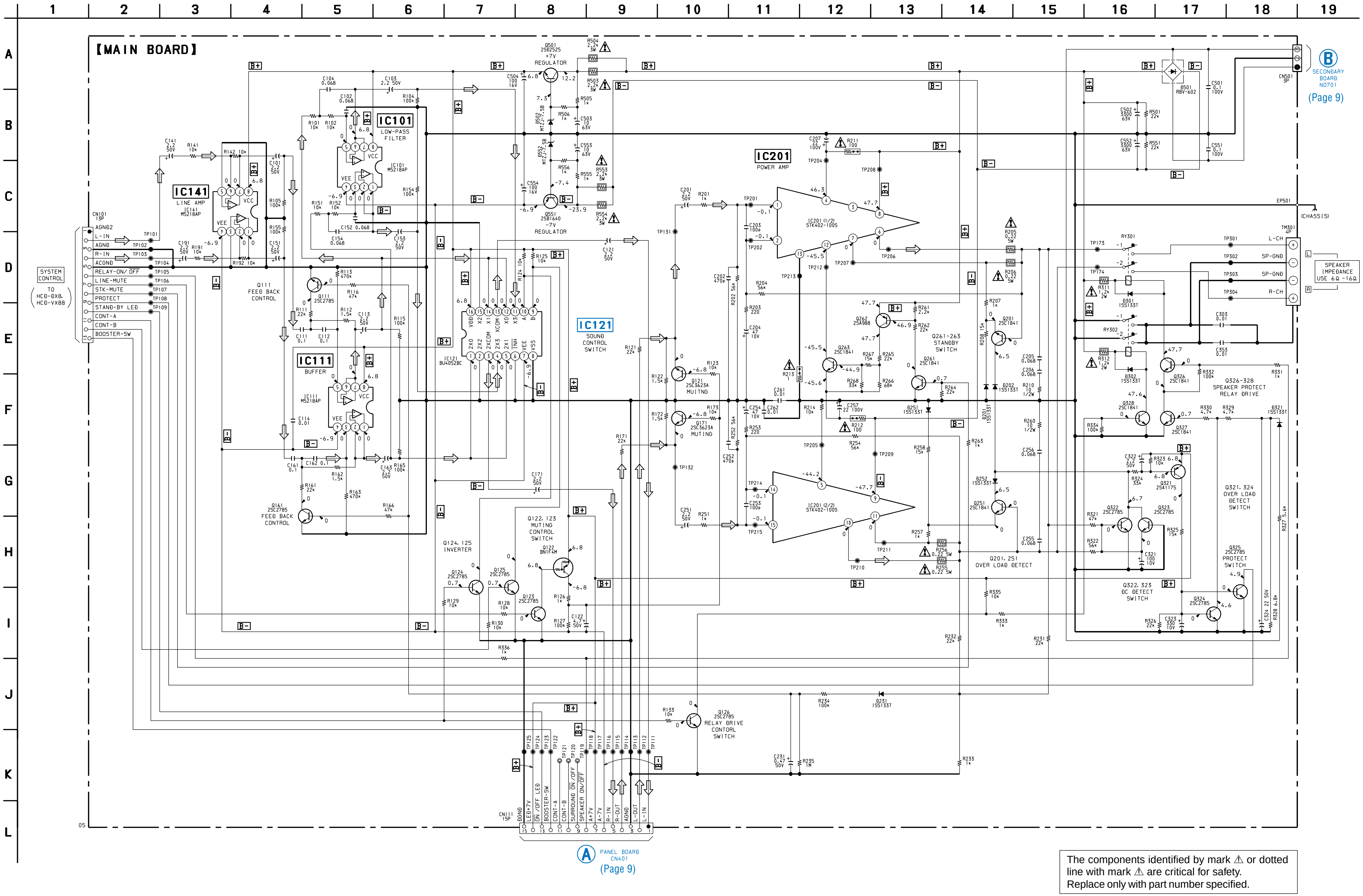


- **IC Block Diagram**
– **MAIN Board** –

IC121 TC4052BPHB



3-3. SCHEMATIC DIAGRAM – MAIN Board –

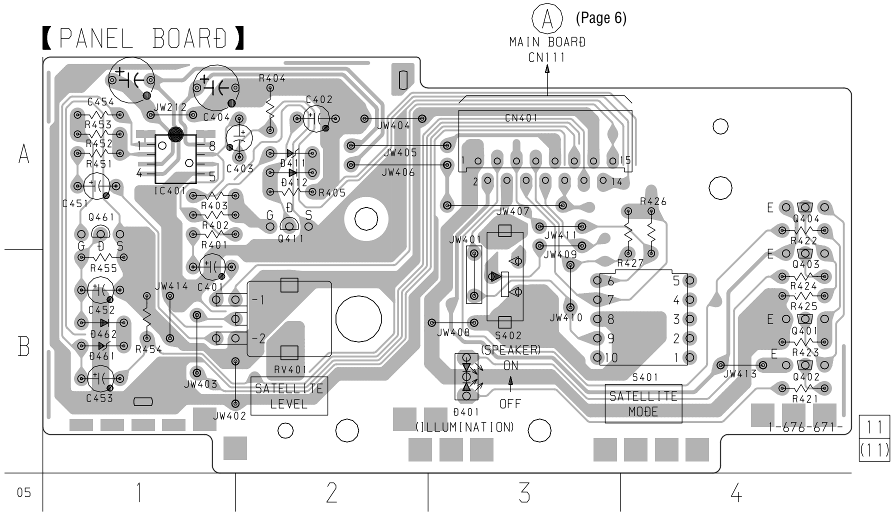


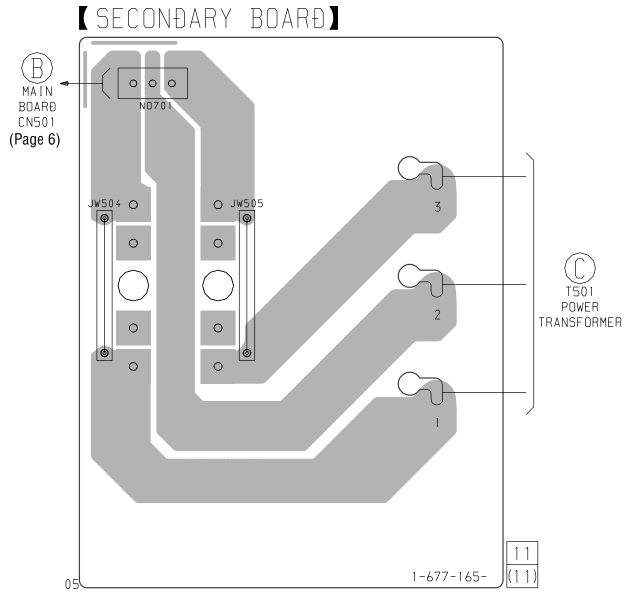
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

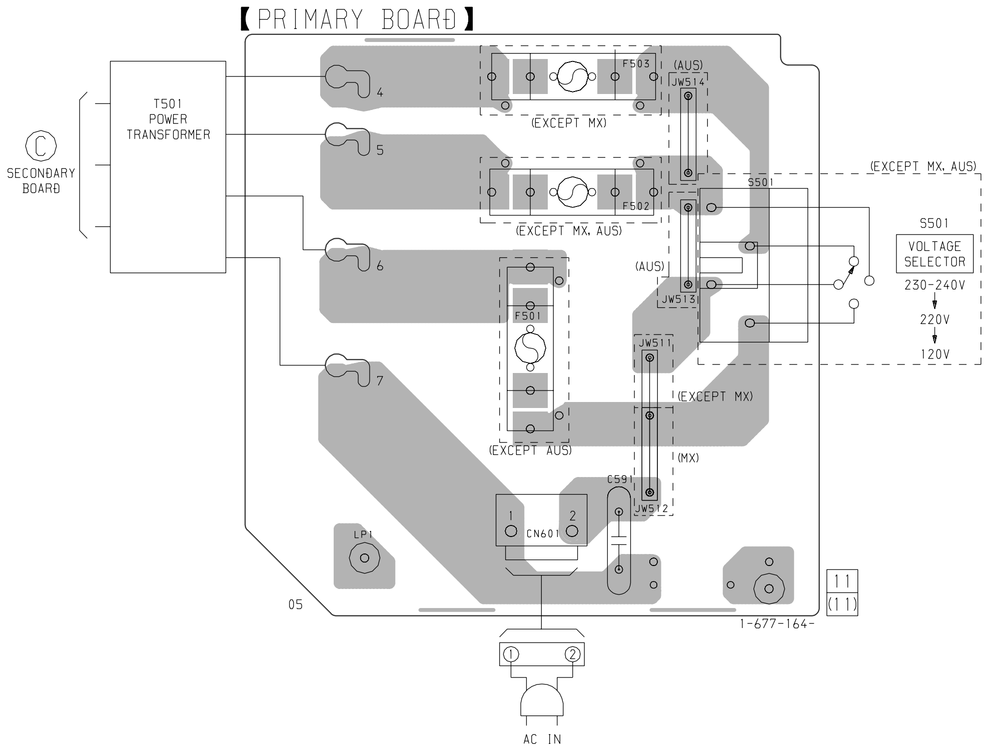
3-4. PRINTED WIRING BOARDS – PANEL/PRIMARY/SECONDARY Boards –

- **Semiconductor Location**

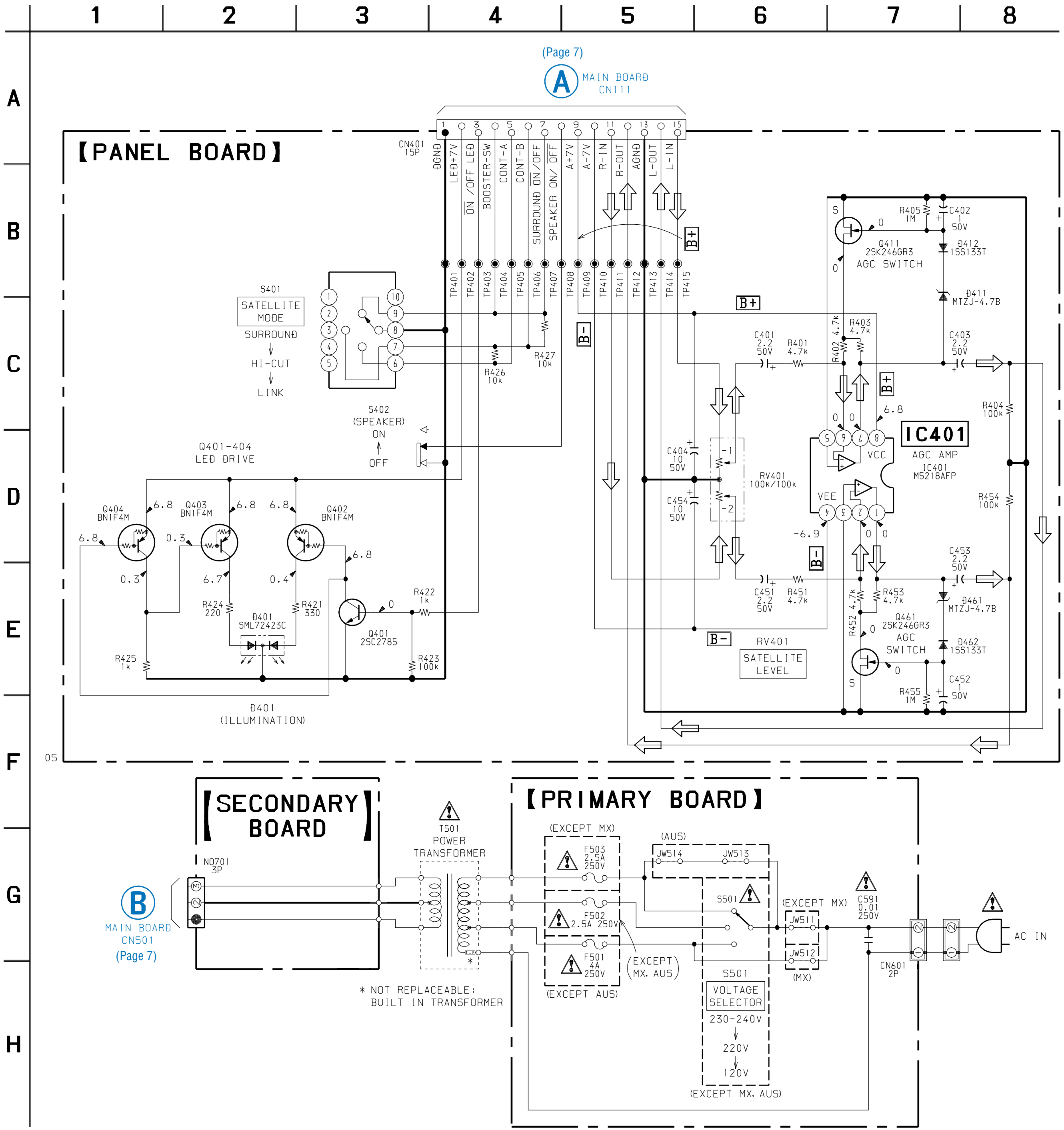
Ref. No.	Location
D401	B-3
D411	A-2
D412	A-2
D461	B-1
D462	B-1
IC401	A-1
Q401	B-4
Q402	B-4
Q403	B-4
Q404	A-4
Q411	A-2
Q461	A-1







3-5. SCHEMATIC DIAGRAM – PANEL/PRIMARY/SECONDARY Boards –

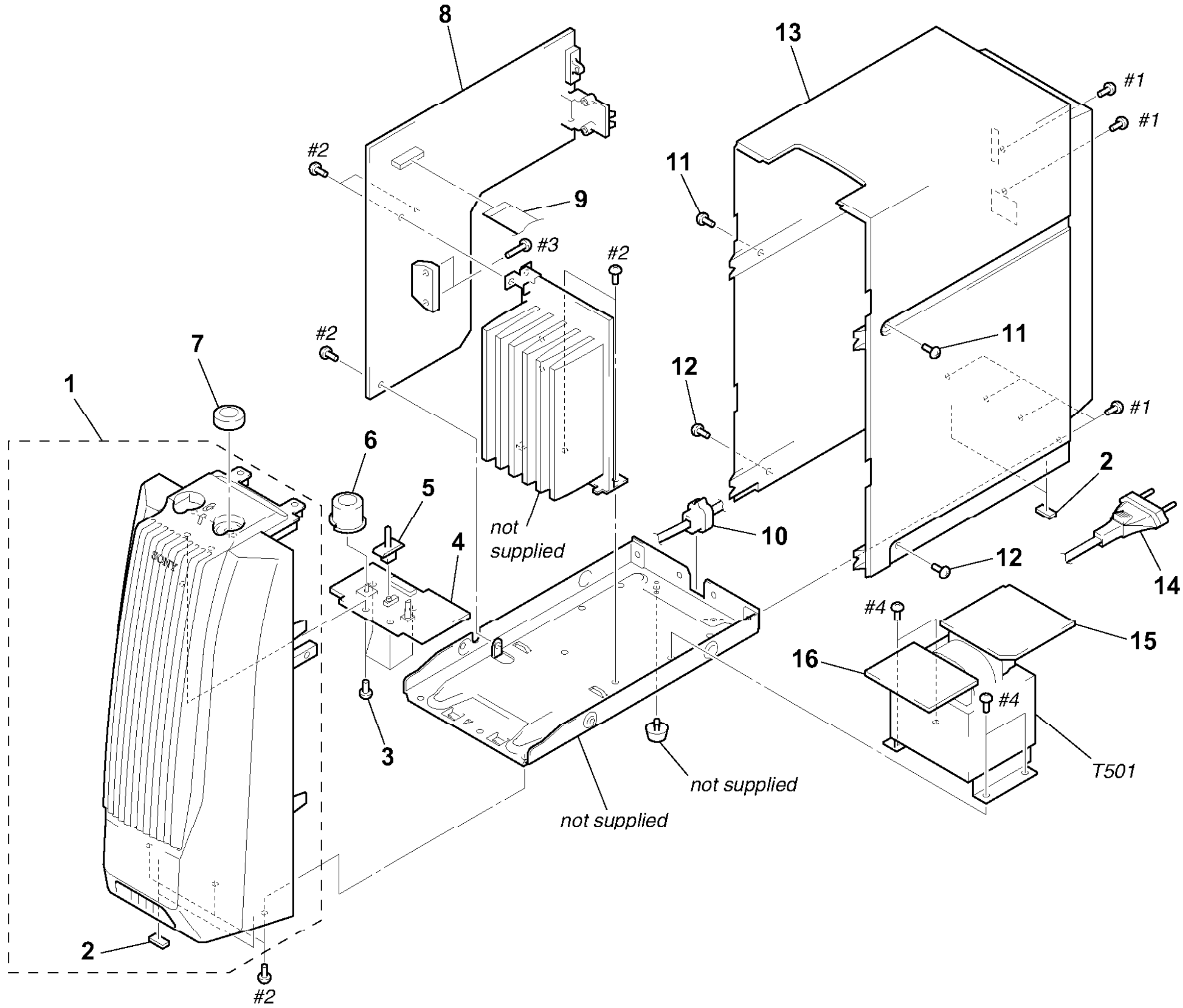


The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

SECTION 4
EXPLODED VIEW

NOTE:
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ Parts Color ↑ Cabinet's Color
- Abbreviation
  AR : Argentine model
  AUS : Australian model
  EA : Saudi Arabia model
  IA : Indonesian model
  MY : Malaysia model
  MX : Mexican model
  SP : Singapore model
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list is given in the last of the electrical parts list.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.



Ref. No.	Part No.	Description	Remark
1	X-4952-763-1	FRONT PANEL ASSY (SILVER)	
1	X-4952-939-1	FRONT PANEL ASSY (BLACK)	
2	4-225-252-01	CUSHION (FOOT)	
3	4-951-620-01	SCREW (2.6X8), +BVTP	
4	A-4428-759-A	PANEL BOARD, COMPLETE	
5	4-227-524-01	KNOB (SLIDE) (SILVER)	
5	4-227-524-11	KNOB (SLIDE) (PURPLE)	
6	4-227-523-01	KNOB (SS) (SILVER)	
6	4-227-523-11	KNOB (SS) (PURPLE)	
7	4-227-522-01	KNOB (V) (SILVER)	
7	4-227-522-11	KNOB (V) (PURPLE)	
8	A-4428-760-A	MAIN BOARD, COMPLETE	
9	1-773-012-11	WIRE (FLAT TYPE) (15 CORE)	
* 10	3-703-244-00	BUSHING (2104), CORD	
11	3-363-099-41	SCREW (CASE 3 TP2)	
12	3-363-099-01	SCREW (CASE 3 TP2)	
13	4-227-526-01	COVER (E, EA, MY, SP, IA, AR)	
13	4-227-526-11	COVER (MX, AUS)	
⚠14	1-575-651-11	CORD, POWER	
15	1-677-164-11	PRIMARY BOARD	
16	1-677-165-11	SECONDARY BOARD	
⚠T501	1-435-316-11	TRANSFORMER, POWER	

MAIN

SECTION 5
ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL: Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F: nonflammable
- Abbreviation
  AUS : Australian model
  MX : Mexican model

- Items marked "*" are not stocked since they are seldom required for routine service.
  Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u: μ, for example:
  uA. . : μA. . uPA. . : μPA. .
  uPB. . : μPB. . uPC. . : μPC. .
  uPD. . : μPD. .
- CAPACITORS
  uF: μF
- COILS
  uH: μH

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description			Remark
	A-4428-760-A	MAIN BOARD, COMPLETE			
		**********************			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S			
		< CAPACITOR >			
C101	1-126-961-11	ELECT	2.2uF	20%	50V
C102	1-136-495-11	MYLAR	0.068uF	5%	50V
C103	1-126-961-11	ELECT	2.2uF	20%	50V
C104	1-136-495-11	MYLAR	0.068uF	5%	50V
C111	1-136-165-00	MYLAR	0.1uF	5%	50V
C112	1-136-165-00	MYLAR	0.1uF	5%	50V
C113	1-126-961-11	ELECT	2.2uF	20%	50V
C114	1-162-306-11	CERAMIC	0.01uF	30%	16V
C121	1-126-961-11	ELECT	2.2uF	20%	50V
C122	1-126-963-11	ELECT	4.7uF	20%	50V
C141	1-126-961-11	ELECT	2.2uF	20%	50V
C151	1-126-961-11	ELECT	2.2uF	20%	50V
C152	1-136-495-11	MYLAR	0.068uF	5%	50V
C153	1-126-961-11	ELECT	2.2uF	20%	50V
C154	1-136-495-11	MYLAR	0.068uF	5%	50V
C161	1-136-165-00	MYLAR	0.1uF	5%	50V
C162	1-136-165-00	MYLAR	0.1uF	5%	50V
C163	1-126-961-11	ELECT	2.2uF	20%	50V
C171	1-126-961-11	ELECT	2.2uF	20%	50V
C191	1-126-961-11	ELECT	2.2uF	20%	50V
C201	1-126-961-11	ELECT	2.2uF	20%	50V
C202	1-162-290-31	CERAMIC	470PF	10%	50V
C203	1-162-282-31	CERAMIC	100PF	10%	50V
C204	1-104-664-11	ELECT	47uF	20%	10V
C205	1-136-495-11	MYLAR	0.068uF	5%	50V
C206	1-136-495-11	MYLAR	0.068uF	5%	50V
C207	1-128-560-11	ELECT	22uF	20%	100V
C231	1-126-959-11	ELECT	0.47uF	20%	50V
C251	1-126-961-11	ELECT	2.2uF	20%	50V
C252	1-162-290-31	CERAMIC	470PF	10%	50V
C253	1-162-282-31	CERAMIC	100PF	10%	50V
C254	1-104-664-11	ELECT	47uF	20%	10V
C255	1-136-495-11	MYLAR	0.068uF	5%	50V
C256	1-136-495-11	MYLAR	0.068uF	5%	50V
C257	1-128-560-11	ELECT	22uF	20%	100V
C261	1-162-306-11	CERAMIC	0.01uF	30%	16V
C262	1-162-306-11	CERAMIC	0.01uF	30%	16V
C303	1-162-306-11	CERAMIC	0.01uF	30%	16V
C321	1-104-665-11	ELECT	100uF	20%	10V
C322	1-126-961-11	ELECT	2.2uF	20%	50V
C323	1-126-924-11	ELECT	330uF	20%	10V
C324	1-126-965-11	ELECT	22uF	20%	50V
C353	1-162-306-11	CERAMIC	0.01uF	30%	16V
C501	1-130-777-00	MYLAR	0.1uF	10%	100V
C502	1-127-752-11	ELECT	3300uF	20%	63V
C503	1-128-582-11	ELECT	10uF	20%	63V
C504	1-126-933-11	ELECT	100uF	20%	16V
C551	1-130-777-00	MYLAR	0.1uF	10%	100V
C552	1-127-752-11	ELECT	3300uF	20%	63V
C553	1-128-582-11	ELECT	10uF	20%	63V
C554	1-126-933-11	ELECT	100uF	20%	16V
		< CONNECTOR >			
* CN101	1-565-291-11	SOCKET, CONNECTOR 13P			(SYSTEM CONTROL)
CN111	1-784-776-11	CONNECTOR, FFC 15P			
* CN501	1-564-506-11	PLUG, CONNECTOR 3P			
		< DIODE >			
D201	8-719-911-19	DIODE 1SS119-25			
D202	8-719-911-19	DIODE 1SS119-25			
D231	8-719-911-19	DIODE 1SS119-25			
D251	8-719-911-19	DIODE 1SS119-25			
D252	8-719-911-19	DIODE 1SS119-25			
D301	8-719-911-19	DIODE 1SS119-25			
D302	8-719-911-19	DIODE 1SS119-25			
D321	8-719-911-19	DIODE 1SS119-25			
D501	8-719-302-38	DIODE RBV-602-01			
D502	8-719-921-63	DIODE MTZJ-7.5B			
D552	8-719-921-63	DIODE MTZJ-7.5B			
		< IC >			
IC101	8-759-634-51	IC M5218AP			
IC111	8-759-634-51	IC M5218AP			
IC121	8-759-208-08	IC TC4052BPHB			
IC141	8-759-634-51	IC M5218AP			
IC201	8-749-016-95	IC STK402-100S			

Ref. No.	Part No.	Description				Remark
		< TRANSISTOR >				
Q111	8-729-119-78	TRANSISTOR	2SC2785-HFE			
Q121	8-729-141-30	TRANSISTOR	2SC3623ATP-LK			
Q122	8-729-900-63	TRANSISTOR	DTA124ES			
Q123	8-729-119-78	TRANSISTOR	2SC2785-HFE			
Q124	8-729-119-78	TRANSISTOR	2SC2785-HFE			
Q125	8-729-119-78	TRANSISTOR	2SC2785-HFE			
Q126	8-729-119-78	TRANSISTOR	2SC2785-HFE			
Q161	8-729-119-78	TRANSISTOR	2SC2785-HFE			
Q171	8-729-141-30	TRANSISTOR	2SC3623ATP-LK			
Q201	8-729-140-84	TRANSISTOR	2SC1841TP-PAFAEA			
Q251	8-729-140-84	TRANSISTOR	2SC1841TP-PAFAEA			
Q261	8-729-140-84	TRANSISTOR	2SC1841TP-PAFAEA			
Q262	8-729-140-82	TRANSISTOR	2SA988TP-PAFAEA			
Q263	8-729-140-84	TRANSISTOR	2SC1841TP-PAFAEA			
Q321	8-729-119-76	TRANSISTOR	2SA1175-HFE			
Q322	8-729-119-78	TRANSISTOR	2SC2785-HFE			
Q323	8-729-119-78	TRANSISTOR	2SC2785-HFE			
Q324	8-729-119-78	TRANSISTOR	2SC2785-HFE			
Q325	8-729-119-78	TRANSISTOR	2SC2785-HFE			
Q326	8-729-140-84	TRANSISTOR	2SC1841TP-PAFAEA			
Q327	8-729-140-84	TRANSISTOR	2SC1841TP-PAFAEA			
Q328	8-729-140-84	TRANSISTOR	2SC1841TP-PAFAEA			
Q501	8-729-026-68	TRANSISTOR	2SD2525 (TP)			
Q551	8-729-030-19	TRANSISTOR	2SB1640			
		< RESISTOR >				
R101	1-249-429-11	CARBON	10K	5%	1/4W	
R102	1-249-429-11	CARBON	10K	5%	1/4W	
R104	1-249-441-11	CARBON	100K	5%	1/4W	
R105	1-249-441-11	CARBON	100K	5%	1/4W	
R111	1-249-433-11	CARBON	22K	5%	1/4W	
R112	1-249-419-11	CARBON	1.5K	5%	1/4W	
R113	1-247-895-00	CARBON	470K	5%	1/4W	
R115	1-249-441-11	CARBON	100K	5%	1/4W	
R116	1-249-437-11	CARBON	47K	5%	1/4W	
R121	1-249-433-11	CARBON	22K	5%	1/4W	
R122	1-249-419-11	CARBON	1.5K	5%	1/4W	
R123	1-249-429-11	CARBON	10K	5%	1/4W	
R124	1-249-429-11	CARBON	10K	5%	1/4W	
R125	1-249-429-11	CARBON	10K	5%	1/4W	
R126	1-249-417-11	CARBON	1K	5%	1/4W	
R127	1-249-441-11	CARBON	100K	5%	1/4W	
R128	1-249-429-11	CARBON	10K	5%	1/4W	
R129	1-249-429-11	CARBON	10K	5%	1/4W	
R130	1-249-429-11	CARBON	10K	5%	1/4W	
R133	1-249-429-11	CARBON	10K	5%	1/4W	
R141	1-249-429-11	CARBON	10K	5%	1/4W	
R142	1-249-429-11	CARBON	10K	5%	1/4W	
R151	1-249-429-11	CARBON	10K	5%	1/4W	
R152	1-249-429-11	CARBON	10K	5%	1/4W	
R154	1-249-441-11	CARBON	100K	5%	1/4W	
R155	1-249-441-11	CARBON	100K	5%	1/4W	
R161	1-249-433-11	CARBON	22K	5%	1/4W	
R162	1-249-419-11	CARBON	1.5K	5%	1/4W	
R163	1-247-895-00	CARBON	470K	5%	1/4W	
R165	1-249-441-11	CARBON	100K	5%	1/4W	

Ref. No.	Part No.	Description			Remark	
R166	1-249-437-11	CARBON	47K	5%	1/4W	
R171	1-249-433-11	CARBON	22K	5%	1/4W	
R172	1-249-419-11	CARBON	1.5K	5%	1/4W	
R173	1-249-429-11	CARBON	10K	5%	1/4W	
R191	1-249-429-11	CARBON	10K	5%	1/4W	
R192	1-249-429-11	CARBON	10K	5%	1/4W	
R201	1-249-417-11	CARBON	1K	5%	1/4W	
R202	1-249-438-11	CARBON	56K	5%	1/4W	
R203	1-249-409-11	CARBON	220	5%	1/4W	
R204	1-249-438-11	CARBON	56K	5%	1/4W	
⚠R205	1-220-893-11	METAL	0.22	10%	5W	F
⚠R206	1-220-893-11	METAL	0.22	10%	5W	F
R207	1-249-417-11	CARBON	1K	5%	1/4W	
R208	1-249-431-11	CARBON	15K	5%	1/4W	
R210	1-260-076-11	CARBON	10	5%	1/2W	
⚠R211	1-212-881-11	FUSIBLE	100	5%	1/4W	F
⚠R212	1-212-881-11	FUSIBLE	100	5%	1/4W	F
⚠R213	1-202-972-61	FUSIBLE	1	5%	1/4W	F
R214	1-249-429-11	CARBON	10K	5%	1/4W	
R231	1-249-433-11	CARBON	22K	5%	1/4W	
R232	1-249-433-11	CARBON	22K	5%	1/4W	
R233	1-249-417-11	CARBON	1K	5%	1/4W	
R234	1-249-441-11	CARBON	100K	5%	1/4W	
R235	1-247-903-00	CARBON	1M	5%	1/4W	
R251	1-249-417-11	CARBON	1K	5%	1/4W	
R252	1-249-438-11	CARBON	56K	5%	1/4W	
R253	1-249-409-11	CARBON	220	5%	1/4W	
R254	1-249-438-11	CARBON	56K	5%	1/4W	
⚠R255	1-220-893-11	METAL	0.22	10%	5W	F
⚠R256	1-220-893-11	METAL	0.22	10%	5W	F
R257	1-249-417-11	CARBON	1K	5%	1/4W	
R258	1-249-431-11	CARBON	15K	5%	1/4W	
R260	1-260-076-11	CARBON	10	5%	1/2W	
R261	1-249-421-11	CARBON	2.2K	5%	1/4W	
R262	1-249-433-11	CARBON	22K	5%	1/4W	
R263	1-249-417-11	CARBON	1K	5%	1/4W	
R264	1-249-433-11	CARBON	22K	5%	1/4W	
R265	1-249-433-11	CARBON	22K	5%	1/4W	
R266	1-249-439-11	CARBON	68K	5%	1/4W	
R267	1-249-431-11	CARBON	15K	5%	1/4W	
R268	1-249-435-11	CARBON	33K	5%	1/4W	
⚠R311	1-216-457-00	METAL OXIDE	1.2K	5%	2W	F
⚠R312	1-216-457-00	METAL OXIDE	1.2K	5%	2W	F
R321	1-249-437-11	CARBON	47K	5%	1/4W	
R322	1-249-438-11	CARBON	56K	5%	1/4W	
R323	1-249-429-11	CARBON	10K	5%	1/4W	
R324	1-249-435-11	CARBON	33K	5%	1/4W	
R325	1-249-431-11	CARBON	15K	5%	1/4W	
R326	1-249-433-11	CARBON	22K	5%	1/4W	
R327	1-249-426-11	CARBON	5.6K	5%	1/4W	
R328	1-249-427-11	CARBON	6.8K	5%	1/4W	
R329	1-249-425-11	CARBON	4.7K	5%	1/4W	
R330	1-249-425-11	CARBON	4.7K	5%	1/4W	
R331	1-249-417-11	CARBON	1K	5%	1/4W	
R332	1-249-441-11	CARBON	100K	5%	1/4W	
R333	1-249-417-11	CARBON	1K	5%	1/4W	
R334	1-249-441-11	CARBON	100K	5%	1/4W	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Ref. No.	Part No.	Description				Remark
R335	1-249-429-11	CARBON	10K	5%	1/4W	
R336	1-249-417-11	CARBON	1K	5%	1/4W	
R501	1-249-433-11	CARBON	22K	5%	1/4W	
⚠R503	1-215-919-11	METAL OXIDE	2.2K	5%	3W	F
⚠R504	1-215-919-11	METAL OXIDE	2.2K	5%	3W	F
R505	1-249-417-11	CARBON	1K	5%	1/4W	
R506	1-249-417-11	CARBON	1K	5%	1/4W	
R551	1-249-433-11	CARBON	22K	5%	1/4W	
⚠R553	1-215-919-11	METAL OXIDE	2.2K	5%	3W	F
⚠R554	1-215-919-11	METAL OXIDE	2.2K	5%	3W	F
R555	1-249-417-11	CARBON	1K	5%	1/4W	
R556	1-249-417-11	CARBON	1K	5%	1/4W	
		< RELAY >				
RY301	1-515-920-11	RELAY (24V)				
RY302	1-515-920-11	RELAY (24V)				
		< TERMINAL >				
TM301	1-694-675-11	TERMINAL BOARD (4P) (SPEAKER)				

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Ref. No.	Part No.	Description				Remark
	A-4428-759-A	PANEL BOARD, COMPLETE				
		**********************				
		< CAPACITOR >				
C401	1-124-257-00	ELECT	2.2uF	20%	50V	
C402	1-126-160-11	ELECT	1uF	20%	50V	
C403	1-124-257-00	ELECT	2.2uF	20%	50V	
C404	1-124-261-00	ELECT	10uF	20%	50V	
C451	1-124-257-00	ELECT	2.2uF	20%	50V	
C452	1-126-160-11	ELECT	1uF	20%	50V	
C453	1-124-257-00	ELECT	2.2uF	20%	50V	
C454	1-124-261-00	ELECT	10uF	20%	50V	
		< CONNECTOR >				
CN401	1-784-737-11	CONNECTOR, FFC 15P				
		< DIODE >				
D401	8-719-056-11	LED SML72423C-TP4 (ILLUMINATION)				
D411	8-719-947-13	DIODE MTZJ-T-72-4.7B				
D412	8-719-911-19	DIODE 1SS119-25				
D461	8-719-947-13	DIODE MTZJ-T-72-4.7B				
D462	8-719-911-19	DIODE 1SS119-25				
		< IC >				
IC401	8-759-099-06	IC M5218AFP-TE1				
		< TRANSISTOR >				
Q401	8-729-119-78	TRANSISTOR	2SC2785-HFE			
Q402	8-729-900-63	TRANSISTOR	DTA124ES			
Q403	8-729-900-63	TRANSISTOR	DTA124ES			
Q404	8-729-900-63	TRANSISTOR	DTA124ES			
Q411	8-729-202-67	FET	2SK246-GR3			
Q461	8-729-202-67	FET	2SK246-GR3			
		< RESISTOR >				
R401	1-249-425-11	CARBON	4.7K	5%	1/4W	
R402	1-249-425-11	CARBON	4.7K	5%	1/4W	
R403	1-249-425-11	CARBON	4.7K	5%	1/4W	
R404	1-249-441-11	CARBON	100K	5%	1/4W	
R405	1-247-903-00	CARBON	1M	5%	1/4W	
R421	1-249-411-11	CARBON	330	5%	1/4W	
R422	1-249-417-11	CARBON	1K	5%	1/4W	
R423	1-249-441-11	CARBON	100K	5%	1/4W	
R424	1-249-409-11	CARBON	220	5%	1/4W	
R425	1-249-417-11	CARBON	1K	5%	1/4W	
R426	1-249-429-11	CARBON	10K	5%	1/4W	
R427	1-249-429-11	CARBON	10K	5%	1/4W	
R451	1-249-425-11	CARBON	4.7K	5%	1/4W	
R452	1-249-425-11	CARBON	4.7K	5%	1/4W	
R453	1-249-425-11	CARBON	4.7K	5%	1/4W	
R454	1-249-441-11	CARBON	100K	5%	1/4W	
R455	1-247-903-00	CARBON	1M	5%	1/4W	
		< VARIABLE RESISTOR >				
RV401	1-227-170-11	RES, VAR, CARBON 100K/100K (SATELLITE LEVEL)				
		< SWITCH >				
S401	1-771-900-11	SWITCH, ROTARY (SATELLITE MODE)				
S402	1-572-347-21	SWITCH, SLIDE (SPEAKER)				

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Ref. No.	Part No.	Description				Remark
	1-677-164-11	PRIMARY BOARD				
		***************				
	1-533-217-41	HOLDER, FUSE				
		< CAPACITOR >				
⚠C591	1-113-925-11	CERAMIC	0.01uF	20%	250V	
		< CONNECTOR >				
CN601	1-564-321-00	PIN, CONNECTOR 2P				
		< FUSE >				
⚠F501	1-533-471-11	FUSE, GLASS TUBE (DIA. 5) (4A/250V) (EXCEPT AUS)				
⚠F502	1-533-469-11	FUSE, GLASS TUBE (DIA. 5) (2.5A/250V) (EXCEPT MX, AUS)				
⚠F503	1-533-469-11	FUSE, GLASS TUBE (DIA. 5) (2.5A/250V) (EXCEPT MX)				
		< SWITCH >				
⚠S501	1-771-291-11	SWITCH, POWER (VOLTAGE SELECTOR) (EXCEPT MX, AUS)				

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Ref. No.	Part No.	Description				Remark
	1-677-165-11	SECONDARY BOARD				
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Ref. No.	Part No.	Description	Remark
		MISCELLANEOUS	
		**************	
9	1-773-012-11	WIRE (FLAT TYPE) (15 CORE)	
⚠14	1-575-651-11	CORD, POWER	
⚠T501	1-435-316-11	TRANSFORMER, POWER	

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		**************	
		HARDWARE LIST	
		**************	
#1	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	
#2	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
#3	7-685-650-79	SCREW +BVTP 3X16 TYPE2 IT-3	
#4	7-685-881-09	SCREW +BVTT 4X8 (S)	

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9-929-220-11

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Audio Entertainment Group

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